



REVERSING SWITCH KIT • 1362-RP24A

REVERSING SWITCH REPLACEMENT KIT—Kit contains a Forward/Off/Reverse Switch, mounting hardware and detailed instructions for the replacement of the Reversing Switch. Also included is Switch seal boot for meeting NEMA Type 4/13 requirements.

WARNING:

REMOVE and lock out **AC POWER** at machine disconnect Switch prior to replacing Reversing Switch. Hazard of electrical shock is present if AC power is not removed.

REVERSING SWITCH KIT FOR BULLETIN 1362 NEMA TYPE 4/13 CONTROLLER—Replace as follows:

1. Open controller cover assembly.
2. Clip the brown lead at the Reversing Switch solder lug.
3. Loosen and remove Switch seal boot from front of control panel (see Figure 1).
4. Remove Reversing Switch from back side of panel — slide green ground lead lug from Switch bushing.

NOTE:

The green ground lead and lug is **NOT** supplied with kit. **DO NOT** cut green ground lead.

5. Cut the yellow, red, grey and orange leads as close to Reversing Switch solder lugs as possible.
6. Strip approximately 1/4" of insulation from yellow, red, grey and brown leads.
7. Strip approximately 5/8" of insulation from orange lead.
8. Using only rosin core 60/40 solder, tin exposed ends of leads.
9. Solder each lead to replacement Reversing Switch as shown in Figure 2. Note orientation of terminals.
10. Thread steel lock-nut all the way onto Switch threaded bushing, then place one star washer on shaft (see Figure 3).
11. Place green ground lead lug on Switch threaded bushing, then place second star washer on bushing.

12. Put Reversing Switch through the control panel. Note orientation of terminals in Figure 2 and Figure 4 (see Figure 1).

13. Thread Switch seal boot onto Switch bushing — **ONLY UNTIL FINGER TIGHT.**

WARNING:

To avoid hazard of electrical shock and equipment damage, **DO NOT** over-tighten switch seal boot as sealing action around switch may be lost. If over-tightened, NEMA Type 4/13 requirements may not be met.

14. Secure Switch to control panel by tightening steel lock-nut to a torque of approximately 16 in-lbs.

15. Check that brown lead is still connected to braking resistor and that green ground lead is attached at ground screw, as shown in Figure 4.

16. Install controller cover assembly.

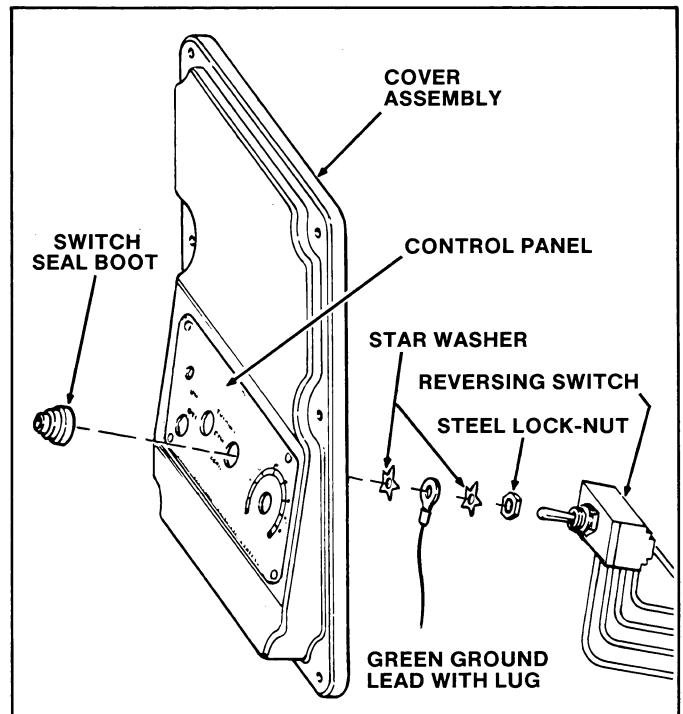


Figure 1—Reversing Switch Mounting

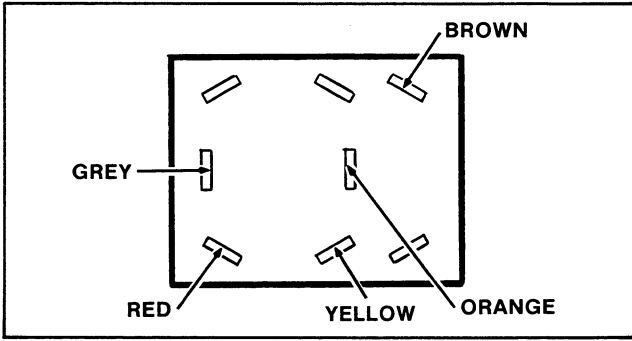


Figure 2—Connection Diagram for Reversing Switch (Back View)

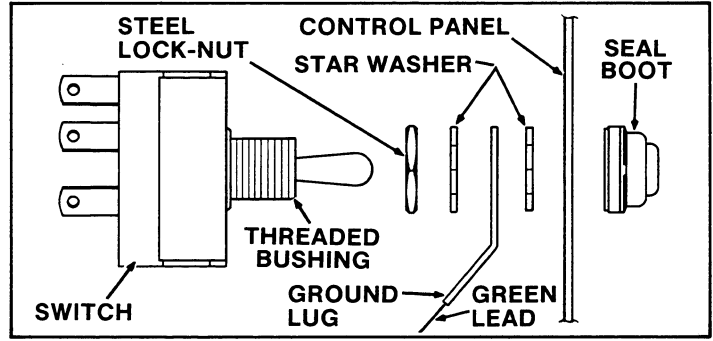


Figure 3—Detail Assembly Diagram for Switch Hardware

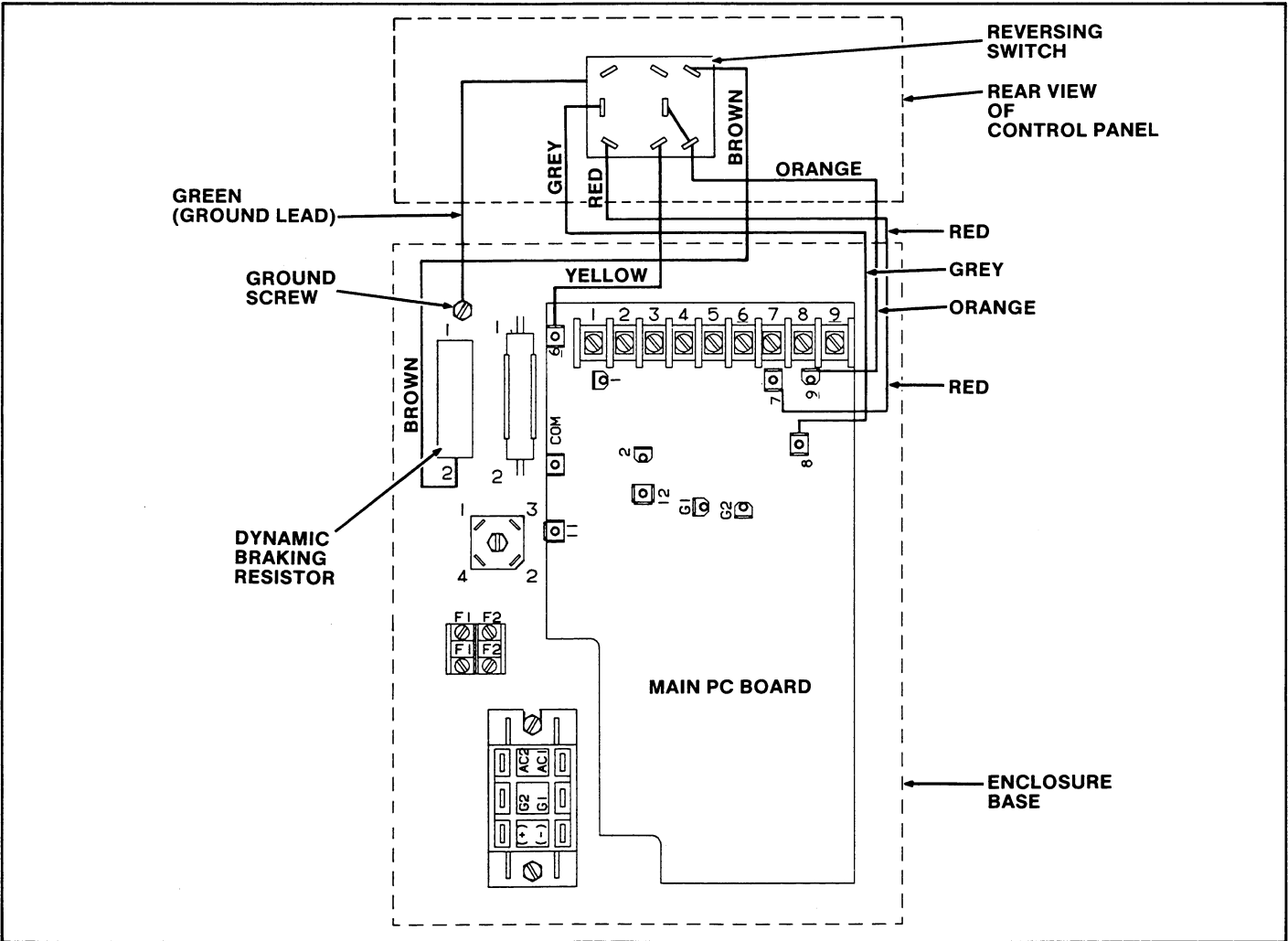


Figure 4—Wiring Diagram for Reversing Switch



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